Practitioner's D cket N . ___

PATENT

Preliminary Classification:

Proposed Class:

Subclass:

For (title):

WARNING:

NOTE:

"All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. § 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Ganesh SIVARAMAN, Riku METTÄLÄ and Jussi PIISPANEN

WARNING: 37 C.F.R.§ 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(l) is filed supplying or changing the name or

names of the inventor or inventors."

Method and Device for Retrieving Data Store Access Information

CERTIFICATION UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date, <u>June 27, 2003</u>, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number <u>EV 252882831 US</u>, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Annemarie Maher

(type or print name of person mailing paper)

Signature of person mailing paper

Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 WARNING: cannot be used to obtain a date of mailing or transmission for this correspondence.

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail"

Each paper or tee filed by "Express Mail must rieve the Indinder of the Express Mail mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

Since the filling of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed.

Reg. 56,439, at 56,442.

1. Type of Application This new application is for a(n) (check one applicable item below) ☑ Original (nonprovisional) □ Design □ Plant WARNING: "Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 37(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application. WARNING: Do not use this transmittal for the filing of a provisional application. If one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION. □ Divisional Continuation Continuation-in-part (C-I-P)

2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designated the United States of America; or
- (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120,121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 199, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

WARNING:		Fede bene	When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).						
			The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.						
3.	Pap	oers	End	closed					
	<u>30</u> <u>5</u>	1.1: _ Pa _ Pa	equired for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 153 (Design) Application ages of specification ages of claims neets of drawings						
	WA	RNIN	G:	DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).					
	NOTE:		inve a pe infor	ntifying indicia, if provided, should include the application number or the title of the ntion, inventor's name, docket number (if any), and the name and telephone number of erson to call if the Office is unable to match the drawings to the proper application. This mation should be placed on the back of each sheet of drawing a minimum distance of cm (5/8 inch) down from the top of the page " 37 C.F.R. § 1.84(c)).					
				(complete the following, if applicable)					
			"PE	e enclosed drawing(s) are photograph(s), and there is also attached a STITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 S.R. § 1.84(b).					
			and	e enclosed drawing(s) are in color. Three (3) sets of color drawings a "PETITION TO ACCEPT COLOR DRAWING(S)" are attached. 37 F.R. §§ 1.84(a)(2) and 1.84(b).					
			forr info	mal ormal					
	В.	Oth	ner P	Papers Enclosed					
	0 1 0	_ Pa		of declaration and power of attorney of abstract					
4.	Ad	ditic	nal	papers enclosed					
				ment to claims					
		the	filing	in this application claims before calculating g fee. (At least one original independent claim must be retained for irposes.)					
		bee		e claims shown on the attached amendment. (Claims added have umbered consecutively following the highest numbered original)					

		Preliminary Amendment								
	X	Information Disclosure Statement (37 C.F.R. § 1.98)								
	X	Form PTO-1449 (PTO/SB/08A and 08B)								
	X	Citations								
		Declaration of Biological Deposit								
		Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence								
		Authorization of Attorney(s) to Accept and Follow Instructions from Representative								
		Special Comments								
		Other								
5.	Dec	claration or oath (including power of attorney)								
	TE:	A newly executed declaration is not required in a continuation or divisional application provided that the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under § 1.47, then a copy of that declaration must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)-(3).								
NOTE:		A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name including family name and at least one given name, without abbreviation together with any other given name or initial, and the residence, post office address and country or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. § 1.63(a)(1)-(4).								
NOTE:		"The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(I) is filed supplying or changing the name or names of the inventor or inventors." 37 C.F.R. § 1.41(a)(1).								
		☐ Enclosed								
		Executed by								
		(check all applicable boxes)								
		☐ inventor(s).								
		☐ legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.								
		☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.								
		☐ This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F. R. § 1.47 is also attached. See item 13 below for fee.								
		Not Enclosed ■ Material Representation ■ Ma								

NOT	E:	com Appi may	pletio licatio be, i	ne filing is a completion in the U.S. of an International Application or where the sense of the U.S. application contains subject matter in addition to the International on, the application may be treated as a continuation or continuation-in-part, as the case sutilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT R U.S. APPLICATION CLAIMED.				
				Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of <i>all</i> the above named inventor(s).				
(7	The	deci	larat	ion or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) car filed subsequently).	7 /			
				☐ Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(c)	1))			
6.	Inv	ento	orsh	ip Statement				
WARNIN		G:	G: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.					
The	inv	ento	rship	p for all the claims in this application is:				
		The	e sar	ne.				
				or				
				same. An explanation, including the ownership of the various claims me the last claimed invention was made,				
			is s	ubmitted.				
			will	be submitted				
7.	Lar	ngua	age					
NOTE:		Eng.	lish. 130.0	eation including a signed oath or declaration may be filed in a language other than An English translation of the non-English language application and the processing fee 10 required by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within as may be set by the Office. 37 C.F.R. § 1.52(d).				
		X D		English Non English				
				The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).				
8.	Ass	sign	mer	ıt .				
		X	An	assignment of the invention to Nokia Corporation				
				is attached. A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.				
			X	will follow.				
NOT	E:			signment is submitted with a new application, send two separate letters-one for the on and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).				

WAKNIN		A newly ex- continuation 62-64.	ecutea "CE -in-part app	RIFICATE UNL lication is filed by	en ass	ignee. Notice	of April 30,	1993, 1150 OG
				ent document				
						Reel_	<u></u>	
)	
9. Ce	rtifie	d Copy						
Се	rtified	copy(ies)	of applic	ation(s)				
Int	erna	ional/WIF	20			02523		June 28, 2002
Co	untry			Appl	ln. No.			Filed
Co	untry			Appl	ln. No.			Filed
from w	hich p	oriority is o	laimed:					
		is (are) at will follow						
NOTE:	or de This pare unde item	eclaration. 37 item is for a nt U.S. appi er 35 U.S.C. 18 on the A	C.F.R. § 1. any foreign lication or I § 120 is its	.55(a) and 1.63. priority for which nternational Appl elf entitled to prio	the app lication to prity from APPLICA	lication being from which thi a prior foreig	filed directl is application	red to in the oath y relates. If any on claims benefit n, then complete 'HERE BENEFIT
10. Fe	e Cal	culation (37 C.F.R	. § 1.16)				
A.	X	Regui	lar applic	ation				
				CLAIMS AS	FILE)		
Numbe	er file	d		Number Extr	ra	Rate	37 C.F.	Basic Fee R. § 1.16(a) \$750.00
Total C (37 C.F		s 3 1.16(c))	20 -20 =	0	x	\$18.00 =		
		t Claims 1.16(b))	4 - 3 =	1	x	\$84.00 =		84.00
		endent class.F.R. § 1.			+	\$280.00		
NOTE:	☒	Amendme Fee for ex	ent deletii ktra claim	ling extra clair ng multiple-de s is not being are not paid on fi	pender paid at	ncies is enc t this time.		nims canceled by
	ame	ndment, pric	or to the e		time pe	riod set for re	esponse by	the Patent and
		Filing	Fee Cal	culation			\$_	834.00

(New Application Transmittal [4-1] page 6 of 11)

E	3. [Design [application 0 – 37 C.F.F	R. § 1.16(f))		
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c). C	☐ Plant ap				· 	
		-	0 - 37 C.F.F	R. § 1.16(g))		
		•		ng Fee Cal		\$	
11. Smal	ll En	itity Staten	nent(s)				
		ment(s) that is (are) atta		iling by a s	mall entity u	inder 37 C	.F.R. §§ 1.9 and
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				120, 121, 365(c),			
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NOTE:	are	filed within 2		date of timely	y payment of a		and a refund request two-month period is
12. Requ	uest	for Interna	ational-Typ	e Search (37 C.F.R. §	1.104(d))	
			(com	plete, if ap	plicable)		
					search repor e merits take		application at the

(New Application Transmittal [4-1] page 7 of 11)

13. Fee Payment Being Made at This Time ☑ Not Enclosed No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § 1.16(e) can be paid subsequently.) □ Enclosed □ Filing fee \$ _____ □ Recording assignment (\$40.00 - 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING **NEW APPLICATION.")** Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00 - 37 C.F.R. §§ 1.47 and 1.17(i)) For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k)) □ Processing and retention fee (\$130.00, 37 C.F.R. §§ 1.52(d) and 1.21(l)) ☐ Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e)) 37 C.F.R. § 1.21(I) establishes a fee for processing and retaining any application that is abandoned for failing to complete the application pursuant to 37 C.F.R. § 1.53(f) and this, as well as the changes to 37 C.F.R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee must be paid, or the processing and retention fee of § 1.21(I) must be paid, within 1 year from the notification under § 53(f). Total fees enclosed 14. Method of Payment of Fees □ Attached is a □ check □ money order in the amount of \$_____ ☐ Authorization if hereby made to charge the amount of \$_____ to Deposit Account No.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 C.F.R. § 1.22(b).

☐ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above. A duplicate of this transmittal is attached.

authorization form PTO-2038

to credit card as shown on the attached credit card information

15. Authorization to Charge Additional Fees

WARNING:		If no fees are to be paid on filing, the following items should <u>not</u> be completed.					
WARNING:		Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.					
		The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No					
		☐ 37 C.F.R. § 1.16(a), (f), or (g) (filing fees) ☐ 37 C.F.R. § 1.16(b), (c), and (d) (presentation of extra claims)					
NOTE:	pres the 1.16	ause additional fees for excess or multiple dependent claims not paid on filing or on later entation must only be paid or these claims canceled by amendment prior to the expiration of time period set for response by the P.T.O. in any notice of fee deficiency (37 C.F.R. § (d)), it might be best not to authorize the P.T.O. to charge additional claim fees, except sibly when dealing with amendments after final action.					
		☐ 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)					
		☐ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))					
		☐ 37 C.F.R. § 1.17 (application processing fees)					
WARNING:		"A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).					
		☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))					
NOTE:	mai	ere an authorization to charge the issue fee to a deposit account has been filed before the ing of a Notice of Allowance, the issue fee will be automatically charged to the deposit ount at the time of mailing the Notice of Allowance. 37 C.F.R. § 1.311(b).					
to s i be		37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application prior to paying, or at the time of paying, issue fee." From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.					

ro. Ilis	uc	ctions as to Overpayment	
NOTE:	a re	Amounts of twenty-five dollars or less will not be easonable time, nor will the payer be notified lars may be returned by check or, if requested 6(a).	of such amounts; amounts over twenty-five
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		Refund	
Date:	June	e 27, 2003	and the
Reg. N	lo.	27,550	SIGNATURE OF PRACTITIONER
Tel. No	o. (2 0	03) 261-1234	Alfred A. Fressola (type or print name of practitioner

Ware, Fressola, Van Der Sluys & Adolphson, LLP P.O. (Correspondence) Address

Building Five, Bradford Green 755 Main Street, P.O. Box 224 Monroe, CT 06468

Customer No. 004955

Ц	Inc	orporation by reference if add id pages				
	prio sta the	eck the following item if the application in this transmittal claims the benefit of or U.S. application(s) (including an international application entering the U.S. ge as a continuation, divisional or C-I-P application) and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE NEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.)				
		Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed				
		Number of pages added				
		Plus Added Pages for Papers Referred to in Item 4 Above				
		Number of pages added				
		Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.				
		Number of pages added				
		Plus "Assignment Cover Letter Accompanying New Application"				
		Number of pages added				
X	Statement Where No Further Pages Added					
		(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item.				
	[X]	This transmittal ends with this page				